

C2 said BMP-8 protein characterized by the ability to induce the formation of cartilage and/or bone.

C3 9. (twice amended) An isolated DNA comprising the [DNA] nucleotide sequence of ATCC #75010 encoding BMP-8.

17. (twice amended) A method comprising the steps of:

- C4
- (a) culturing a cell transformed with a vector comprising a DNA sequence of claim 6 said DNA sequence in operative association with an expression control sequence therefor; and
 - (b) recovering, isolating and purifying from said culture medium a protein encoded by said DNA sequence characterized by the ability to induce the formation of cartilage and/or bone.

18. (twice amended) A method comprising the steps of

- (a) culturing a cell transformed with a vector comprising a DNA sequence of claim 9 in operative association with an expression control sequence therefor; and
- (b) recovering, isolating and purifying from said culture medium a protein encoded by said DNA sequence characterized by the ability to induce the formation of cartilage and/or bone.